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Atty. Dkt. No. 043034-0182

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Shigeru MARUYAMA

Title: APPARATUS AND METHOD FOR PREVENTING
UNAUTHORIZED USE OF AN INFORMATION PROCESSING
DEVICE

Appl. No.: 10/804,093

Filing Date: 3/19/2004

Examiner: Unassigned

Art Unit: 2641

INFORMATION DISCLOSURE STATEMENT
UNDER 37 CFR §1.56

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Submitted herewith on Form PTO/SB/08 is a listing of documents known to Applicant in order to comply with Applicant's duty of disclosure pursuant to 37 CFR §1.56.

A copy of each non-U.S. patent document and each non-patent document is being submitted to comply with the provisions of 37 CFR §1.97 and §1.98.

The submission of any document herewith, which is not a statutory bar, is not intended as an admission that such document constitutes prior art against the claims of the present application or that such document is considered material to patentability as defined in 37 CFR §1.56(b). Applicant does not waive any rights to take any action which would be appropriate to antedate or otherwise remove as a competent reference any document which is determined to be a *prima facie* art reference against the claims of the present application.

TIMING OF THE DISCLOSURE

The listed documents are being submitted in compliance with 37 CFR §1.97(b), before the mailing date of the first Office Action on the merits.

RELEVANCE OF EACH DOCUMENT

Any document listed on the attached PTO/SB/08 was cited as being relevant during the prosecution of the corresponding Chinese application. Excerpts from the English-language translation setting forth the portion of the Office Action considered relevant by the examiner are as follows:

Reference 1 (WO9942992A) discloses a randomly generated voice recognition security method and apparatus, and particularly discloses technical features as follows: the apparatus comprising a memory for storing each snippet (i.e., a password) obtained from voice of an authorized user; means of randomly selecting snippets for randomly selecting two or more of the recorded snippets from the memory; a display (i.e., a password notifying section) for receiving signals indicating randomly selected snippets from the means of randomly selecting snippets and displaying them to the user; a password snippets comparison means (i.e., a password comparator) for comparing the received snippets repeated by the user against the corresponding randomly selected snippet and generating a comparison result; and a controller for determining if access is granted based on these comparison results (see pages 5 to 8 of the specification and fig. 1). In the Reference 1, the combination of the memory and the means of randomly selecting snippets is the password generator of the present claim. The Reference 2 (CN1272198A) discloses a cellular phone having a voice identification function and a control method thereof, and particularly discloses the following technical features: the cellular phone comprising a memory (i.e., speech feature memory), for storing identification voice reference feature data of a previously registered unauthorized user; a voice identification means (i.e., a speech features extractor), for extracting feature data from input voice signals; a microprocessor (i.e., a speech feature comparator), for comparing voice feature data input by the voice identification means against the voice reference feature data, and determining if the usage of user is granted based on these comparison results (see pages 3 to 5 of the specification and fig. 2).

The Reference 1 discloses the following technical feature: generating a new password every time the user attempts to access the device (see page 4 of the specification).

The Reference 1 discloses the following technical feature: a display (i.e., a password notifying section) for displaying the signals indicating randomly selected snippets from the means of randomly selecting snippets to the user (see page 7 of the specification).

The Reference 2 discloses the following technical feature: a voice identification component is used in the digital cellular phone (see page 2 of the specification).

The Reference 2 discloses the following technical feature: when a user dials a phone number (i.e., makes a call), voice identifying the identity of the user (see page 4 of the specification).

The Reference 1 discloses a randomly generated voice recognition security method and apparatus, and particularly discloses technical features as follows: storing each snippet (i.e., a password) obtained from voice of an authorized user; randomly selecting two or more of the recorded snippets and displaying them to the user; receiving the voice that the user repeats the snippets; comparing the received snippets repeated by the user against the corresponding randomly selected snippet and generating a comparison result; and determining if access is granted based on these comparison results (see pages 5 to 8 of the specification and fig. 2). In the Reference 1, the combination of the stored snippets and the randomly selected snippets is the password for generating any characters. The Reference 2 discloses a control method of cellular phone having a voice identification function and a control method thereof, and particularly discloses the following technical features: storing identification voice reference feature data of a previously registered unauthorized user; comparing voice feature data of current input voice against the voice reference feature data, and determining if the usage of user is granted based on these comparison results (see pages 3 to 5 of the specification and fig. 3).

The Reference 1 discloses the following technical feature: generating a new password every time the user attempts to access the device (see page 4 of the specification).

The Reference 1 discloses the following technical feature: a display for displaying the signals indicating randomly selected snippets (i.e., a password) from the means of randomly selecting snippets to the user (see page 7 of the specification).

The Reference 1 discloses a randomly generated voice recognition security method and apparatus, and particularly discloses technical features as follows: the apparatus comprising a microphone for input the user's voice; a memory for storing each snippet (i.e., a password) obtained

from voice of an authorized user; means of randomly selecting snippets for randomly selecting two or more of the recorded snippets from the memory; a display (i.e., a password notifying section) for receiving signals indicating randomly selected snippets from the means of randomly selecting snippets and displaying them to the user; a password snippets comparison means (i.e., a second comparator) for comparing the received snippets repeated by the user against the corresponding randomly selected snippet and generating a comparison result; and a controller for determining if access is granted based on these comparison results (see pages 5 to 8 of the specification and fig. 1).

The Reference 2 discloses a cellular phone having a voice identification function and a control method thereof, and particularly discloses the following technical features: the cellular phone comprising a memory (i.e., the voice registering section), for storing identification voice reference feature data of a previously registered unauthorized user; and a microprocessor (i.e., a first comparator), for comparing input voice feature data of the current user against the voice reference feature data, and determining if the usage of user is granted based on these comparison results (see Pages 3 to 5 of the specification and fig. 2).

A full English translation of the foreign-language document of reference C2 is not readily available. However, an English language abstract is provided. The absence of such translation does not relieve the PTO from its duty to consider the submitted foreign language document (37 CFR §1.98)

Applicant respectfully requests that each listed document be considered by the Examiner and be made of record in the present application and that an initialed copy of Form PTO/SB/08 be returned in accordance with MPEP §609.

The Commissioner is hereby authorized to charge any additional fees which may be required regarding this application under 37 CFR §§ 1.16-1.17, or credit any overpayment, to Deposit Account No. 19-0741. Should no proper payment be enclosed herewith, as by a check being in the wrong amount, unsigned, post-dated, otherwise improper or informal or even entirely missing, the Commissioner is authorized to charge the unpaid amount to Deposit Account No. 19-0741.

Respectfully submitted,

Date January 5, 2006

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Substitute for form 1449B/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Date Submitted: January 5, 2006

Use as many sheets as necessary)

1 of 1

Complete if Known

Application Number	10/804,093
Filing Date	3/19/2004
First Named Inventor	Shigeru MARUYAMA
Group Art Unit	2641
Examiner Name	
Attorney Docket Number	043034-0182

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			

U.S. PATENT APPLICATION DOCUMENTS

Examiner Initials*	Cite No. ¹	U.S. Patent Application Document		Name of Patentee or Applicant of Cited Document	Filing Date of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
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FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Documents	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Office ³	Number ⁴	Kind Code ⁵ (if known)				
	C1	WO	99/01865		Samsung Electronics, Co., LTD.	01-14-1999		
	C2	CN	1272198	A	Samsung Electronics, Co., LTD	11-01-2000		

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ⁶

Examiner
Signature

Date
Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.

⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

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